Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the above-identified application:

Claims 1. - 44. (Canceled).

45. (Currently Amended) An aluminum matrix composite wire comprising a plurality of substantially continuous, longitudinally positioned ceramic oxide fibers in a matrix comprising aluminum; wherein the ceramic oxide fibers have a modulus of no greater than about 173 GPa; and further wherein the wire has a modulus of no greater than about 105 Gpa and a nonlinear coefficient of thermal expansion over a temperature of -75°C to 500°C.

46. (Original) The composite wire of claim 45 wherein the wire has an average tensile strength of at least about 350 MPa.

47. (Original) The composite wire of claim 45 wherein the fibers have a modulus of greater than about 69 GPa.

48. (Original) The composite wire of claim 45 wherein the fibers have an average tensile strength of at least about 1400 MPa.

Claim 49. (Canceled)

50. (Original) The wire of claim 45 having an electrical conductivity of at least about 21% IACS.

51. (Currently Amended) A cable comprising at least one aluminum matrix composite wire

comprising a plurality of substantially continuous, longitudinally positioned ceramic oxide fibers in a matrix comprising aluminum; wherein the fibers have a modulus of no greater than about 240 GPa; and further wherein the wire has a modulus of no greater than about 105 Gpa, [[and]] an average tensile strength of at least about 350 Mpa, and a nonlinear coefficient of thermal expansion over a temperature of -75°C to 500°C.

52. (Original) The cable of claim 51 wherein the fibers have a modulus of no greater than about 173 GPa.

53. (Original) The cable of claim 52 wherein the fibers have a modulus of greater than about 69 GPa.

54. (Original) The cable of claim 52 wherein the fibers have an average tensile strength of at least about 1400 MPa.

Claim 55. (Canceled)